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In the Specification:

Please replace pages 4-7 as follows:

--must be modified so that the door opening can be varied in size to accommodate larger width compartments and also smaller width compartments.

SUMMARY OF THE INVENTION

The first basic embodiment of tool vending machine of the present invention utilizes a housing having a sidewall which encloses an internal chamber. A door is mounted in the sidewall with the door being located within a door opening formed in the sidewall. The door is pivotally movable relative to the housing. At least one first compartment is located within the internal chamber and at least one second compartment is located within the internal chamber. The second compartment is defined as being larger in size than the first compartment. A ~~moving means~~ drive mechanism is included for moving the first compartment and the second compartment with this ~~moving means~~ drive mechanism being located within the internal chamber. The ~~moving means~~ drive mechanism is to move the first compartment and the second compartment to be located directly adjacent the door to permit manual access into the compartment by opening of the door. Only a single compartment is to be aligned with the door at a time. A user interface tool selection means is incorporated

that is mounted on the sidewall of the housing. The selection means permits manual selection of either the first compartment or the second compartment to be moved to be in alignment with the door. The door also includes a baffle means with this baffle means also being mounted within the internal chamber. The baffle means is to be movable to change the size of the door opening so that the door opening corresponds in size with the size of the compartment that is aligned with the door.

A further embodiment of the present invention is where the first basic embodiment is modified by there being included a plurality of doors within the door vending machine.

~~A further embodiment of the present invention is where the first basic embodiment is modified by having the door to be pivotally mounted on the sidewall of the housing.~~

A further embodiment of the present invention is where the first basic embodiment is modified by there being included a plurality of the first compartments.

~~A further embodiment of the present invention is where the just previous embodiment is modified by the first compartments being mounted on a first carousel.~~

A further embodiment of the present invention is where the first basic embodiment is modified by there being a plurality of second compartments.

~~A further embodiment of the present invention is where the just previous embodiment is modified by the second compartments being mounted within a second carousel.~~

A further embodiment of the present invention is where the first basic embodiment is modified by the ~~moving means~~ drive mechanism being defined as a rack and pinion gear assembly.

A further embodiment of the present invention is where the first basic embodiment is modified by the baffle means being defined as a pair of plates which are movable simultaneously in opposite directions.

A further embodiment of the present invention is where the just previous embodiment is modified by the plates being ~~mounted on~~ directly adjacent the door.

A second basic embodiment of the present invention is directed to a tool vending machine which utilizes a bin carousel assembly that has a plurality of different size compartments with this bin carousel assembly being mounted within an internal chamber of a housing. There is also included a user interface tool selection means for selecting a compartment to be moved directly adjacent to and in alignment with a door mounted within the housing. There is also included a baffle assembly mounted in conjunction with the door with the baffle assembly to automatically adjust the size of the door opening to correspond to the size of the compartment with it being understood that only a single compartment can be aligned with the door at a time eliminating access to compartments that are located directly adjacent the selected compartment. The baffle assembly comprises a pair of plates.

A further embodiment of the present invention is where the second basic embodiment is modified by including a plurality of carousels within the bin carousel assembly.

~~A further embodiment of the present invention is where the second basic~~

~~embodiment is modified by defining the baffle assembly as comprising a plurality of plates.~~

A further embodiment of the present invention is where the ~~just previous~~ second basic embodiment is modified by defining the plates as a pair of plates moving in opposite directions.

A third basic embodiment of the present invention is directed to a method of automatically extracting a tool from a compartment with there being available a plurality of different size compartments comprising the steps of manually selecting the tool, moving the compartments until a desired compartment is located to be manually accessible through an opening formed in a housing which is normally closed by a door, automatically adjusting the size of the opening to correspond to the size of the compartment only permitting the user to extract the tool from that compartment and not permitting access to any directly adjacent compartment and the step of automatically adjusting is accomplished by moving a plate assembly to restrict or enlarge the opening.

~~A further embodiment of the present invention is where the third basic embodiment is modified by mounting of the compartments on a series of bin carousels where each carousel has only a single size of compartments.~~

~~A further embodiment of the present invention is where the third basic embodiment is modified by moving of the plate assembly to restrict or enlarge the opening that is associated with the door.~~

A further embodiment of the present invention is where the ~~just previous~~ third basic embodiment is modified by defining of the plate assembly as a pair of plates movable

in opposite directions.--

Please replace the paragraph beginning at page 11, line 8, with the following rewritten paragraph:

--Each carousel includes a series of [[trays]] tray levels 42. There will be an equal number of tray levels 42 to the number of doors 18. In Figure 1, there is shown ten in number of the doors [[14]] 18. Therefore, each carousel will include ten in number of the [[trays]] tray levels 42 in a stacked relationship. In actual practice, the vending machine 10 will have, in most instances, more than ten [[trays]] tray levels 42. Each tray level 42 is basically circular in configuration and all the [[trays]] tray levels 42 for each carousel are mounted on a center shaft 44 for carousel 36, a center shaft 46 for carousel 38 and a center shaft 48 for carousel 40. Each of the center shafts 44, 46 and 48 are connected together by a series of links 50, 52 and 54 to a plate 56. The plate 56 is attached to a mounting post 58 which in turn is supported in conjunction with the housing 12. The mounting post 58 is connected to a cap 60 that is fixedly mounted on the housing 12.--

Please replace the paragraph beginning at page 12, line 16, with the following rewritten paragraph:

--Let it be assumed that a human user has made a tool selection by using the user interface tool selection of Figure 8. The information is transmitted to the microprocessor and from the microprocessor the information is transmitted to the carousels 36, 38 and 40.

The carousels 36, 38 and 40 are then rotated so that the particular carousel 36, 38 and 40 that carries the selected tool is located directly adjacent the door opening 62. Observing of the carousels 36, 38 and 40 in Figures 2 and 3, it can be seen that the tray level 42 of carousel [[42]] 38 is divided into a series of small, pie shaped, compartments 82 (twelve in number) with the first carousel 36 being divided into a series of intermediate sized, pie shaped, compartments 84 (six in number) and each tray level 42 of the third carousel 40 being divided into large sized, pie shaped, compartments 86 (three in number). It is considered to be within the scope of this invention that the size of the compartments can readily change to be larger or smaller as per what is desired to be manufactured. It is also considered to be within the scope of this invention that although in most instances the carousel 38 will include only small compartments 82 with carousel 36 only including intermediate size compartments 84 and carousel 40 including only large size compartments 86 that each carousel in and of itself may include different size compartments on different [[trays]] tray levels 42. The compartments 86 are designed to carry a larger size tool with compartments 84 being designed to carry only a medium size tool and compartment 86 designed to carry only a small tool.--